

Title (en)
PROGENITOR CELLS AND USES THEREOF

Title (de)
VORLÄUFERZELLEN UND VERWENDUNGEN DAFÜR

Title (fr)
CELLULES PROGÉNITRICES ET LEURS UTILISATIONS

Publication
EP 1907533 A4 20080903 (EN)

Application
EP 06785971 A 20060630

Priority
• US 2006025589 W 20060630
• US 69643805 P 20050630

Abstract (en)
[origin: WO2007005611A2] Methods for preparing progenitor cells are described where epithelial cells are induced to undergo epithelial-mesenchymal transition as a result of exposure to an inducing agent or introduction of a gene therein that induces epithelial-mesenchymal transition. Progenitor cells resulting therefrom have use in cell-based therapies, among other utilities.

IPC 8 full level
C12N 5/071 (2010.01); **C12N 5/074** (2010.01)

CPC (source: EP US)
A61P 3/10 (2017.12 - EP); **A61P 7/00** (2017.12 - EP); **A61P 9/00** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 17/02** (2017.12 - EP); **A61P 19/02** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/16** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **C12N 5/0631** (2013.01 - EP US); **C12N 2501/15** (2013.01 - EP US); **C12N 2501/60** (2013.01 - EP US); **C12N 2510/00** (2013.01 - EP US)

Citation (search report)
• [XY] GERSHENGORN MARVIN C ET AL: "Epithelial-to-mesenchymal transition generates proliferative human islet precursor cells", SCIENCE, WASHINGTON, DC, vol. 306, no. 5705, 24 December 2004 (2004-12-24), pages 2261 - 2264, XP002434842, ISSN: 0036-8075
• [XY] CANO A ET AL: "THE TRANSCRIPTION FACTOR SNAIL CONTROLS EPITHELIAL-MESENCHYMAL TRANSITIONS BY REPRESSING E-CADHERIN EXPRESSION", NATURE CELL BIOLOGY, MACMILLAN PUBLISHERS, GB, vol. 2, 1 February 2000 (2000-02-01), pages 76 - 83, XP002941264, ISSN: 1465-7392
• [X] MANI A ET AL: "Mesenchyme forkhead 1 (FOXC2) is a marker for basal like breast cancer and involved in inducing metastasis and EMT", CLINICAL & EXPERIMENTAL METASTASIS, vol. 21, no. 7, 2004, & 10TH INTERNATIONAL CONGRESS OF THE METASTASIS-RESEARCH-SOCIETY; GENOA, ITALY; SEPTEMBER 17 -20, 2004, pages 654, XP002487547, ISSN: 0262-0898
• [X] MOUSTAKAS ARISTIDIS ET AL: "Mechanisms of TGF-beta signaling in regulation of cell growth and differentiation", IMMUNOLOGY LETTERS, vol. 82, no. 1-2, 3 June 2002 (2002-06-03), pages 85 - 91, XP002487548, ISSN: 0165-2478
• [T] MANI SENDURAI A ET AL: "The epithelial-mesenchymal transition generates cells with properties of stem cells.", CELL 16 MAY 2008, vol. 133, no. 4, 16 May 2008 (2008-05-16), pages 704 - 715, XP002487549, ISSN: 1097-4172
• See references of WO 2007005611A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007005611 A2 20070111; **WO 2007005611 A3 20070524**; CA 2656548 A1 20070111; EP 1907533 A2 20080409; EP 1907533 A4 20080903; JP 2009501515 A 20090122; JP 2014000093 A 20140109; JP 5405824 B2 20140205; US 2009214483 A1 20090827; US 2012258084 A1 20121011; US 9212347 B2 20151215

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US 2006025589 W 20060630; CA 2656548 A 20060630; EP 06785971 A 20060630; JP 2008519614 A 20060630; JP 2013195218 A 20130920; US 201213526271 A 20120618; US 92291106 A 20060630